

LIMITED AUTHORIZATION TO ACT ON BEHALF OF ASSIGNEE  
REGARDING CERTAIN PATENT MATTERS  
EFFECTIVE THROUGH: December 31, 2002

I, Paul W. Sandman, as Senior Vice President, Secretary, and General Counsel of Boston Scientific Corporation, the controlling corporation of:

AMS Medinvent S.A.; Boston Scientific BV; Boston Scientific Corporation Northwest Technology Center, Inc.; Boston Scientific Ireland Limited; Boston Scientific Japan KK; Boston Scientific Limited; Boston Scientific Scimed, Inc. (formerly known as Schneider (USA), Inc.); Cardiovascular Innovations Canada, Inc.; Corvita Canada, Inc.; Corvita Corporation; Corvita Europe S.A.; EP Technologies, Inc.; Laboratoires Corvita S.A.R.L.; Meadox Medicals, Inc.; NAMIC Eireann Limited; NAMIC International, Inc.; Nilo Holding, S.A.; Schneider (Europe) GmbH; Schneider Belgium NV; Schneider Holland BV; Schneider Ireland BV; Schneider Puerto Rico (formerly known as NAMIC Caribe, Inc.); Schneider/NAMIC; Scimed Life Systems, Inc.; Symbiosis Corporation; Target Therapeutics, Inc.; Cardiac Pathways Corporation; Interventional Technologies, Inc.; Embolic Protection, Inc.; Quanum Corporation; Smart Therapeutics, Inc.; Radio Therapeutics Corporation; and Catheter Innovations Corp.;

hereby authorize the following registered patent attorneys/agents (1) to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent entities, (2) to execute power of attorney documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, to appoint and/or establish any attorneys, agents, and/or law firms to act on behalf of any of the corporations identified above, including Boston Scientific Corporation, in any foreign or international patent applications filed with any foreign and/or international patent offices, and (3) to execute assignment and ownership documents on behalf of any of the corporations identified above, including Boston Scientific Corporation, with regard to any matters before the United States Patent and Trademark Office, any foreign patent offices, and any international patent offices:

Scott T. Bluni .....	Reg. No. 40,916
Mark J. Casey .....	Reg. No. 37,796
James R. Chiapetta.....	Reg. No. 39,634
Luke R. Dohmen.....	Reg. No. 36,783
Peter J. Gafner .....	Reg. No. 36,517
Albert K. Kau .....	Reg. No. 40,672
Steven A. McAuley.....	Reg. No. 46,084
Todd P. Messal.....	Reg. No. 42,883
Robert M. Rauker.....	Reg. No. 40,782
William J. Shaw .....	Reg. No. 43,111

Paul W. Sandman  
Senior Vice President, Secretary, and General Counsel

11472

Date

On this 4<sup>th</sup> day of January, 2002 before me personally appeared Paul W. Sandman to me known and known to me to be the person described in and who executed the foregoing instrument, and he duly acknowledged to me that he executed the same for the uses and purposes set forth herein.

Frank S.  
Notary Public

**NONA E. HURD  
NOTARY PUBLIC**  
My Commission Expires Oct. 4, 2002

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

} ss.

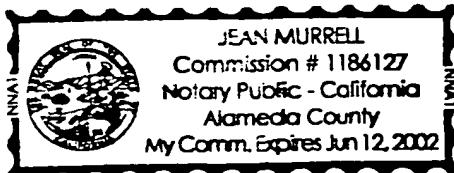
On 7/30/98, before me, Jean Murrell, Notary Public,

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Lex P. Jansen

Name(s) of Signer(s)

- personally known to me  
 proved to me on the basis of satisfactory evidence



to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

A handwritten signature of Jean Murrell.

Signature of Notary Public

Place Notary Seal Above

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

### Description of Attached Document

Title or Type of Document: \_\_\_\_\_

Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

- Individual  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Attorney in Fact  
 Trustee  
 Guardian or Conservator  
 Other: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER  
Top of thumb here

Signer Is Representing: \_\_\_\_\_

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

Alameda

} ss.

On 7/28/98, before me,

Date

Jean Murrell, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared Thomas Yung-Hui Chien

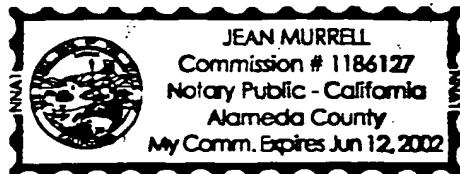
Name(s) of Signer(s)

personally known to me

proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Place Notary Seal Above

Signature of Notary Public

## OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

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Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner —  Limited  General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_

RIGHT THUMBPRINT  
OF SIGNER

Top of thumb here

Signer Is Representing: \_\_\_\_\_

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Alameda

} ss.

On 7/29/90, before me,

Date Jean Murrell, Notary Public

Name and Title of Officer (e.g., "Jane Doe, Notary Public")

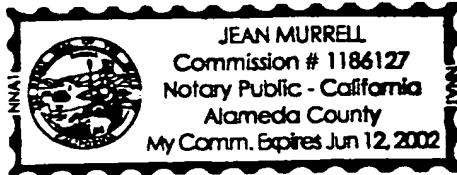
personally appeared Perry Alvin Fukui, Jeffrey A. Serge, Lawrence Charles Albert

Name(s) of Signer(s)

- personally known to me  
 proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Place Notary Seal Above

Signature of Notary Public

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Signer's Name: \_\_\_\_\_

- Individual  
 Corporate Officer — Title(s): \_\_\_\_\_  
 Partner —  Limited  General  
 Attorney in Fact  
 Trustee  
 Guardian or Conservator  
 Other: \_\_\_\_\_

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OF SIGNER

Top of thumb here

Signer Is Representing: \_\_\_\_\_

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DEC 21 1998

MORRISON & FOERSTER

DECEMBER 14, 1998



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PTAS

MORRISON & FOERSTER LLP  
CINDY S. KAPLAN  
755 PAGE MILL ROAD  
PALO ALTO, CALIFORNIA 94304-1018



\*100811138A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
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RECORDATION DATE: 08/31/1998

REEL/FRAME: 9416/0993  
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

JANSEN, LEX P.

DOC DATE: 07/30/1998

ASSIGNEE:

CHIEN, THOMAS YUNG-HUI

DOC DATE: 07/28/1998

ASSIGNEE:

FUKUI, PERRY ALVIN

DOC DATE: 07/29/1998

ASSIGNEE:

SARGE, JEFFREY A.

DOC DATE: 07/29/1998

ASSIGNEE:

ALPERT, LAWRENCE CHARLES

DOC DATE: 07/29/1998

ASSIGNEE:

TARGET THERAPEUTICS, INC.  
47201 LAKEVIEW BOULEVARD  
FREMONT, CALIFORNIA 94537

DOC DATE: 07/29/1998

9416/0993 PAGE 2

SERIAL NUMBER: 09096267  
PATENT NUMBER:

FILING DATE: 06/11/1998  
ISSUE DATE:

KIMBERLY WHITE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

09-04-1998

R



DEPARTMENT OF COMMERCE

ET

Patent and Trademark Office  
Docket No. 290252022100

100811138

MED 8-31-98

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
 Lex P. Jansen; Thomas Yung-Hui Chien; Perry Alvin Fukui;  
 Jeffrey A. Sarge; Lawrence Charles Alpert

Individual(s)       Association  
 General Partnership       Limited Partnership  
 Corporation-State       Other

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:

Assignment       Merger  
 Security Agreement       Change of Name  
 Other:

Execution Date: Jansen (7/30); Chien (7/28); Fukui (7/29); Sarge (7/29);  
 Alpert (7/29)

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)  
 09/096,267

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Cindy S. Kaplan  
 Morrison & Foerster LLP  
 755 Page Mill Road  
 Palo Alto, California 94304-1018

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

 Enclosed Authorized to be charged to deposit account, referencing Attorney Docket 290252022100

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

## DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.Name: Cindy S. Kaplan  
 Registration No: 40,043

Signature

8/16/98  
 Date  
 40.  
 00

Total number of pages comprising cover sheet, attachments and document: 8

Mail documents to be recorded with required cover sheet information to:

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09/04/1998 J.WATKINS 00000001 050/661  
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